USER GUIDE

SAFETY • INSTALLATION & INTEGRATION • OPERATING INSTRUCTIONS • MAINTENANCE • SERVICE

Modular 3000 Series • 3024DWR • 24" Drawer Model

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WELCOME TO U-LINE

Congratulations on your U-Line purchase. Your product comes from a company with over five decades and three generations of premium modular ice making, refrigeration, and wine preservation experience. U-Line continues to be the American leader, delivering versatility and flexibility for multiple applications including residential, light commercial, outdoor and marine use. U-Line's complete product collection includes modular Wine Captain® Models, Beverage Centers, Clear Ice Machines, Crescent Ice Makers, Glass & Solid Door Refrigerators, Refrigerator Drawers, Freezers, and Combo® Models.

U-Line has captivated those with an appreciation for the finer things with exceptional functionality, style, inspired innovations and attention to even the smallest details. We are known and respected for our unwavering dedication to product design, quality and selection. U-Line is headquartered in Milwaukee, Wisconsin with a west coast office located in Laguna Beach, California and European support in Dublin, Ireland. U-Line has shipped product to five continents for over two decades and is proud to have the opportunity to ship to you.

PRODUCT INFORMATION

Looking for additional information on your product? User Guides, Quick Reference Guides, CAD Drawings, Integrated Panel Instructions, Compliance Documentation and Product Warranty information are all available for reference and download at u-line.com under Documentation.

PROPERTY DAMAGE / INJURY CONCERNS

In the unlikely event property damage or personal injury is suspected related to a U-Line product, please take the following steps:

1. U-Line Customer Care must be contacted immediately at +1.800.779.2547.
2. Service or repairs performed on the unit without prior written approval from U-Line is not permitted. If the unit has been altered or repaired in the field without prior written approval from U-Line, claims will not be eligible.

SERVICE INFORMATION

Answers to Customer Frequently Asked Questions are available at u-line.com under Customer Care or you may contact our Customer Care group directly, contact information below.

GENERAL INQUIRIES

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Parts Email: onlineparts@u-line.com

CONNECT WITH US

Designed, engineered and assembled in WI, USA

Safety and Warning

NOTICE

Please read all instructions before installing, operating, or servicing the appliance.

Use this appliance for its intended purpose only and follow these general precautions with those listed throughout this guide:

SAFETY ALERT DEFINITIONS

Throughout this guide are safety items labeled with a Danger, Warning or Caution based on the risk type:

⚠ DANGER

Danger means that failure to follow this safety statement will result in severe personal injury or death.

⚠ WARNING

Warning means that failure to follow this safety statement could result in serious personal injury or death.

⚠ CAUTION

Caution means that failure to follow this safety statement may result in minor or moderate personal injury, property or equipment damage.

⚠ DANGER

This unit contains R600a (Isobutane) which is a flammable hydrocarbon. It is safe for regular use. Do not use sharp objects to expedite defrosting. Do not service without consulting the "R600a specifications" section included in the User Guide. Do not damage the refrigerant circuit.

⚠ WARNING

Service must be done by factory authorized service personnel. Any parts shall be replaced with like components. Failure to comply could increase the risk of possible ignition due to incorrect parts or improper service.

Product Disposal and Recycling

⚠ DANGER

RISK OF CHILD ENTRAPMENT. Before you throw away your old refrigerator or freezer, take off the doors and leave shelves in place so children may not easily climb inside.

If the unit is being removed from service for disposal, check and obey all federal, state and local regulations regarding the disposal and recycling of refrigeration appliances, and follow these steps completely:

1. Remove all consumable contents from the unit.

2. Disconnect electric current to the unit's power receptacle. Unplug the electrical cord from its socket.

3. Remove the cabinet door.

Environmental Requirements

This unit is designed to operate between 50°F (10°C) and 100°F (37°C). Higher ambient temperatures may reduce the unit's ability to reach low temperatures and/or reduce ice production on applicable models.

For best performance, keep the unit out of direct sunlight and away from heat generating equipment.

In climates where high humidity and dew points are present, condensation may appear on outside surfaces. This is considered normal. The condensation will evaporate when the humidity drops.

⚠ CAUTION

Damages caused by ambient temperatures of 40°F (5°C) or below are not covered by the warranty.

Electrical

⚠ WARNING

SHOCK HAZARD — Electrical Grounding Required. Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.

Never remove the round grounding prong from the plug and never use a two-prong grounding adapter.

Altering, cutting of power cord, removal of power cord, removal of power plug, or direct wiring can cause serious injury, fire and or loss of property and or life, and will void the warranty.

Never use an extension cord to connect power to the unit.

Always keep your working area dry.

NOTICE

Electrical installation must observe all state and local codes. This unit requires connection to a grounded (three-prong), polarized receptacle that has been placed by a qualified electrician.

The unit requires a grounded and polarized 115 VAC, 60 Hz, 15A power supply (normal household current). An individual, properly grounded branch circuit or circuit breaker is recommended. GFCI (ground fault circuit interrupter) is usually not required for fixed location appliances and is not recommended for your unit because a GFCI could be prone to nuisance tripping. However, be sure to consult your local codes.

See CUT-OUT DIMENSIONS for recommended receptacle location.

Cutout Dimensions

PREPARE SITE

Your U-Line product has been designed exclusively for a built-in installation. When built-in, your unit does not require additional air space for top, sides, or rear. However, the front grille must NOT be obstructed.

The Modular 3000 Series units are engineered with a variety of adjustment features to help ensure a seamless installation. Adjustable doors, leveling legs and grille will assist in fine tuning the installation.

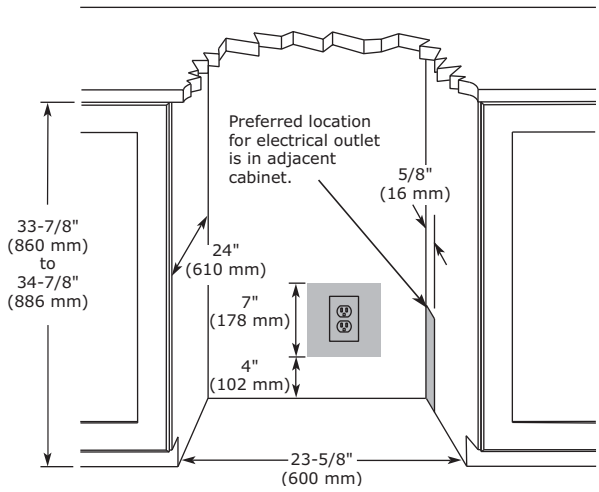
All 3000 Series models fully integrate into overlay/face frame, inset or European/frameless cabinet styles and install seamlessly into standard 24" (610 mm) depth cabinet base.

NOTICE

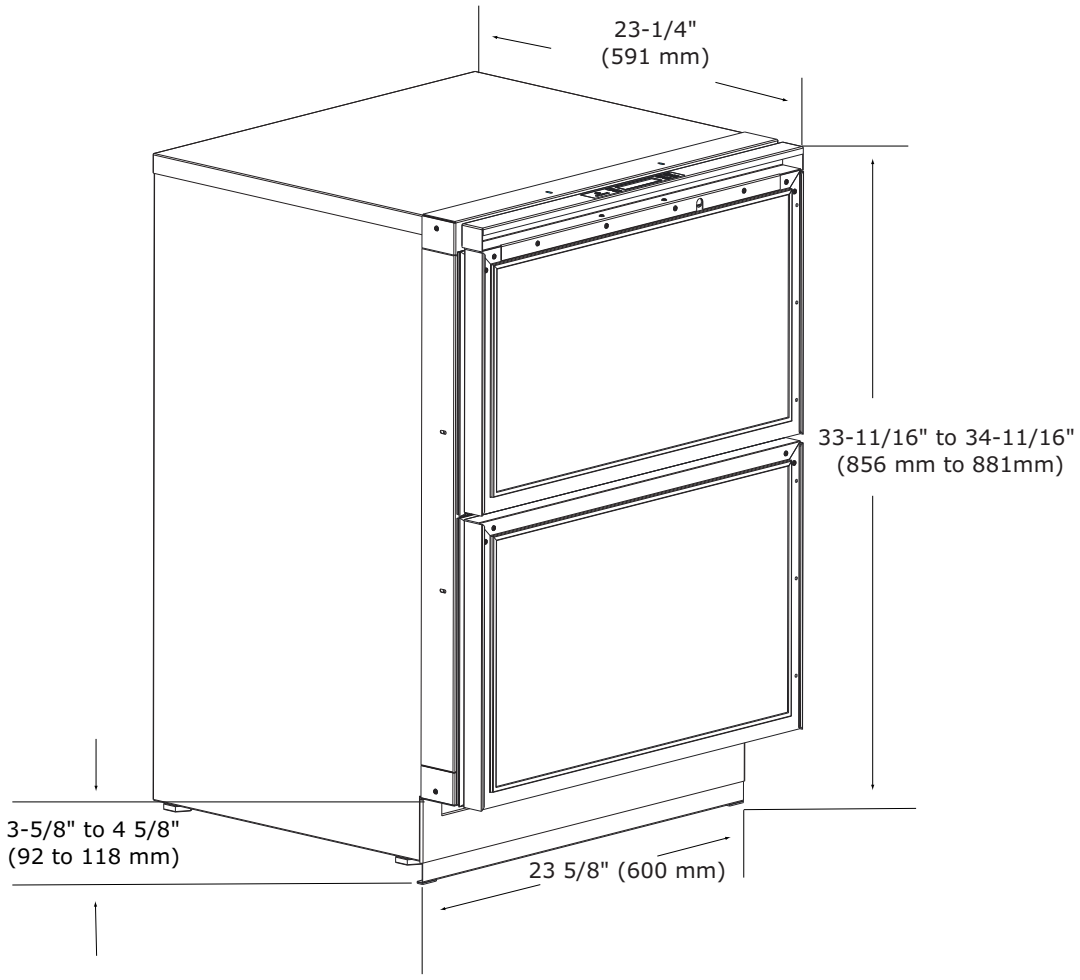
Unit can NOT be installed behind a closed cabinet door.

U-Line products are designed and manufactured to be seamlessly installed in the specified cut-out openings shown, and variance to the floors or cabinetry must be accounted for in your installation.

CUT-OUT DIMENSIONS


Preferred location for electrical outlet is in adjacent cabinet.
5/8" (16 mm)
33-7/8" (860 mm) to 34-7/8" (886 mm)
24" (610 mm)
7" (178 mm)
4" (102 mm)
23-5/8" (600 mm)

Product Dimensions



*Includes 3/4" (20 mm) integrated panel

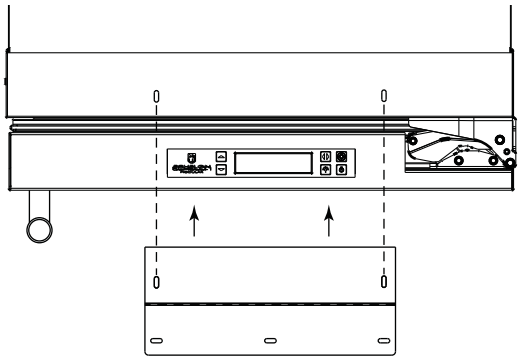
Anti-Tip Bracket

⚠ CAUTION

The anti-tip bracket must be installed to prevent the unit from tipping when doors are fully opened, or excess weight is placed on the front of the unit.

The anti-tip bracket has multiple mounting options. Mounting will depend on your particular cabinet configuration. Follow the instructions below to secure the anti-tip plate to the unit. Locate your anti-tip bracket and 5 #8x5/8" (#8x16 mm) screws included with your unit.

TOP MOUNT



Top mount configurations work well with fully secured wood or laminate countertops.

1. Align the bracket on top of your unit as shown above. The bracket must be used to ensure a secure mount.

2. Using 2 of the supplied #8x5/8" (#8x16 mm) screws, install screws into the plate using a #2 Phillips head screwdriver.

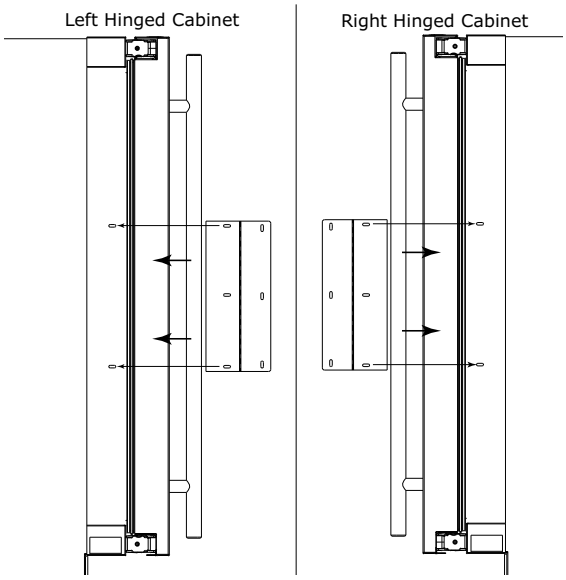
3. Completely slide the unit into its position in the cabinet. Be certain unit height is properly adjusted. (See Leveling section).

4. Open door completely. Make certain door clears surrounding cabinetry.

5. Using a 3/32" (3 mm) drill bit, drill 3 pilot holes, 5/8" (16 mm) deep into bottom of counter top. Use the anti-tip bracket as a template.

6. Install the remaining 3 #8x5/8" (#8x16 mm) screws into the plate using a #2 Phillips head screwdriver.

SIDE MOUNT



Side mount configurations work well if you have a granite countertop or do not wish to mount the bracket to the underside of your countertop.

1. Align the bracket to the hinge side of the unit as shown above.

2. Using 2 of the supplied #8x5/8" (#8x16 mm) screws, install screws into the plate using a #2 Phillips head screwdriver.

3. Completely slide the unit into its position in the cabinet. Be certain unit height is properly adjusted. (See Leveling section).

4. Open door completely. Make certain door clears surrounding cabinetry.

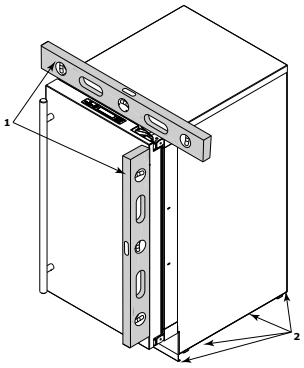
5. Using a 3/32" (3 mm) drill bit, drill 3 pilot holes, 5/8" (16 mm) deep into cabinetry frame using the anti-tip bracket as a template.

6. Install the remaining 3 #8x5/8" (#8x16 mm) screws into the plate using a #2 Phillips head screwdriver.

General Installation

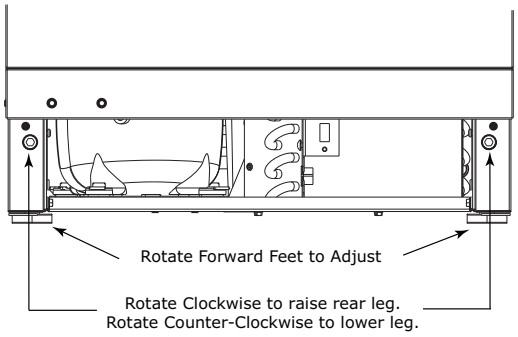
LEVELING INFORMATION

1. Use a level to confirm the unit is level. Level should be placed along top edge and side edge as shown.



2. If the unit is not level, remove grille and adjust feet as necessary.

3. Confirm the unit is level after each adjustment and repeat the previous steps until the unit is level.



INSTALLATION TIP

If the room floor is higher than the floor in the cut-out opening, adjust the rear feet to achieve a total unit rear height of 1/8" (3 mm) less than the opening's rear height. Shorten the unit height in the front by adjusting the front feet. This allows the unit to be gently tipped into the opening. Adjust the front feet to level the unit after it is correctly positioned in the opening.

INSTALLATION

This model is intended for indoor/interior applications only and are not to be used in installations that are open/ exposed to natural elements.

1. Plug in the power cord.

2. Gently push the unit into position. Be careful to not entangle the power cord, water line and drain line.

3. Re-check the leveling, from front to back and side to side. Make any necessary adjustments. The unit's top surface should be approximately 1/8" (3 mm) below the countertop.

4. Install the anti-tip bracket.

5. Remove the tape from the glass shelves and wipe out the inside of the unit with a clean, water-dampened cloth.

*For additional information, please see Service Trouble Shooting section.

Integrated Panel Dimensions

INTEGRATED PANEL

NOTICE

Due to differences in surrounding cabinetry the panel may not perfectly align with door. The procedure below is designed to provide a finished integrated panel that seamlessly integrates with surrounding cabinetry.

Panel Preparation

A full integrated door panel completely covers the door frame and provides a built-in appearance.

NOTICE

The door panel must not weigh more than 20 lbs (10 kg).

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.

1. Cut the panels to the dimensions listed in the diagram below.

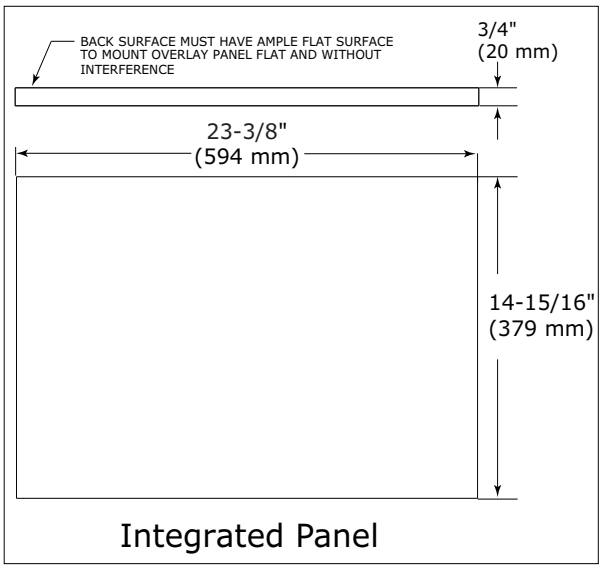
2. Optional: Stain or Finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

3. Optional: Install handles and hardware.

NOTICE

When applying an integrated panel to a unit, ensure that both sides are finished in order to prevent warping. In some panel installations, the panel may be visible through the glass while the door is open.

Integrated Panel Dimensions



Handleless Integrated Door Panel

The following procedure is designed to provide a finished, handleless solid panel for a 24" (600 mm) drawer that seamlessly integrates with its surrounding cabinetry. Prepare two panels for your drawer unit.

Note: Many cabinet manufacturers provide a ready solution for a handle-less, integrated design that can be easily applied to your U-Line 3000 Series model. Consult your cabinet manufacturer for applicable design and installation details. The cabinet manufacturer's solution to this design and integration detail will often result in an integrated panel solution wherein the size of the panel may result in a height dimension taller than what we specify. This can be achieved provided the additional height is positioned above the appliance door.

NOTICE

The integrated panel aligns with the surrounding cabinetry and, due to differences in cabinetry, may not align perfectly with the door.

The appliance will need up to 34-1/2" (876 mm) to the underside of the counter to leave room for leveling adjustments.

A single prepared panel with insert must not weigh more than 20 lbs (10 kg).

Integrated Panel Preparation

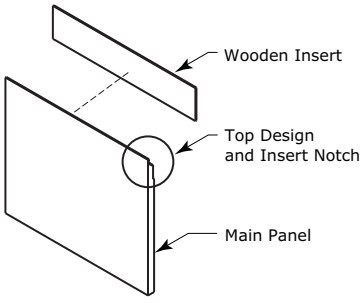
1. Cut the main panel to the dimensions below. For details, see the drawings on the next page.

Unit width	Panel width	Panel depth
24" (600 mm)	23-3/8" (594 mm)	13-13/16" (351 mm)

2. Create the top design for the handleless feature and the 1/8" notch for the insert(s) indicated on the Top Detail drawing.

3. Prepare the insert(s) that will back up the handleless design. **Wooden Insert –** Cut 1/8" thick wooden insert(s) to the dimensions below.

Unit width	Insert width	Insert depth
24" (600 mm)	23-3/8" (594 mm)	3-1/2" (89 mm)



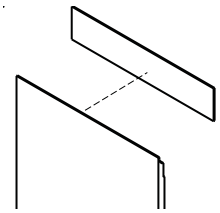
Integrated Panel

4. Optional: Stain or finish panel and wooden insert to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

NOTICE

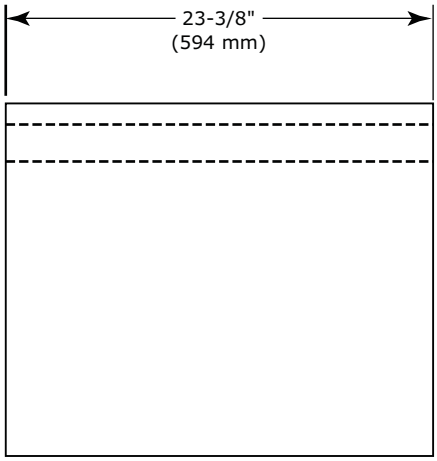
If finishing panel or wooden insert, all sides must be finished to prevent warping.

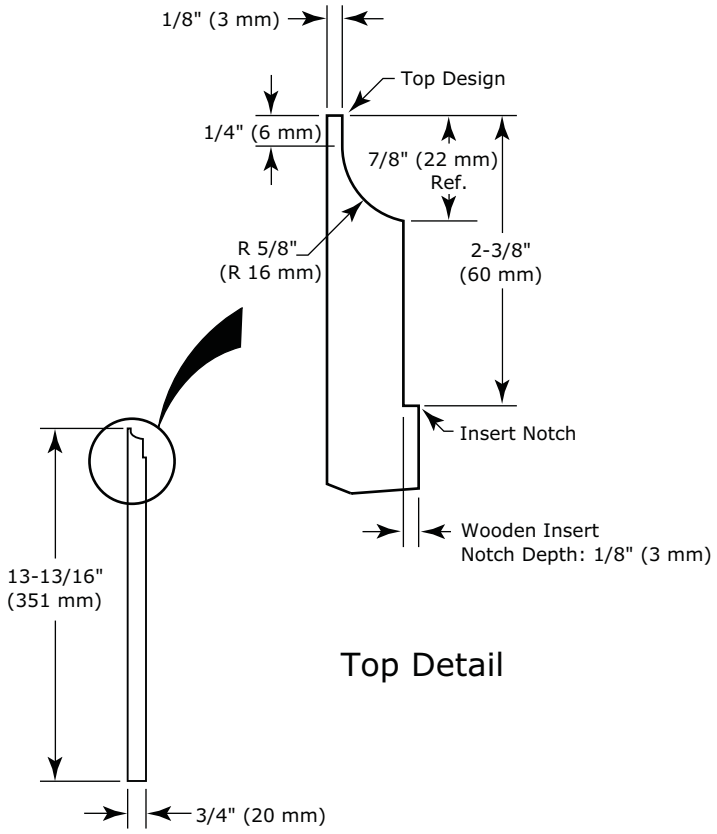
5. Attach the insert to the panel. Wood glue or equivalent adhesive should be used to attach insert to panel.



Attach Wooden Insert

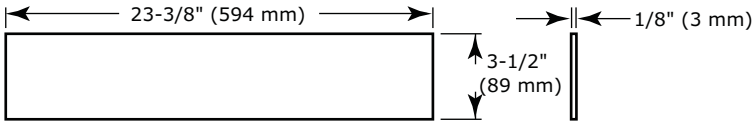
Handleless Integrated Panel Dimensions





Top Detail

Wooden Insert Dimensions



Extended Integrated Panel

NOTICE

Due to differences in surrounding cabinetry the panel may not perfectly align with door. The procedure below is designed to provide a finished panel that seamlessly integrates with surrounding cabinetry.

Panel Preparation

An extended integrated panel can be used to maintain alignment with an adjacent extended cabinet height or a reduced toe-kick/grille application.

1. Cut the panels to the dimensions listed in the appropriate diagram on the next page.

2. Optional: Stain or Finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

3. Optional: Install handles and hardware.

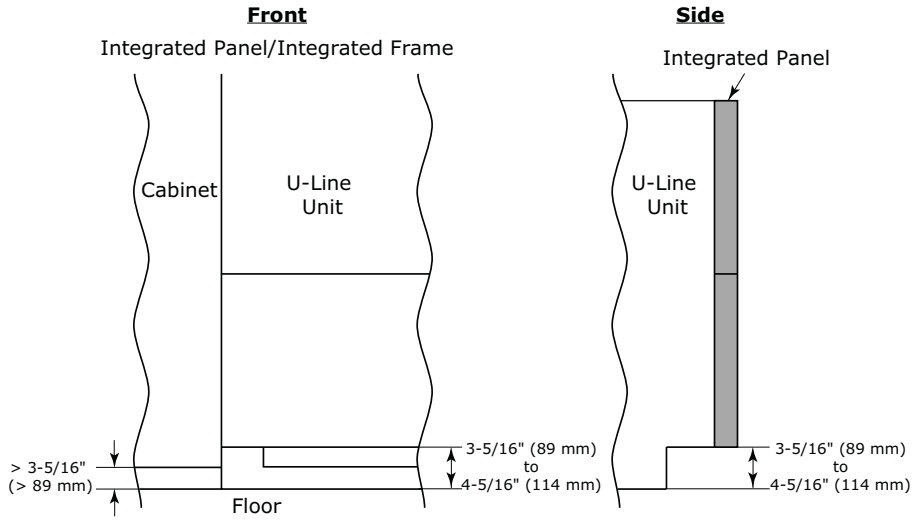
NOTICE

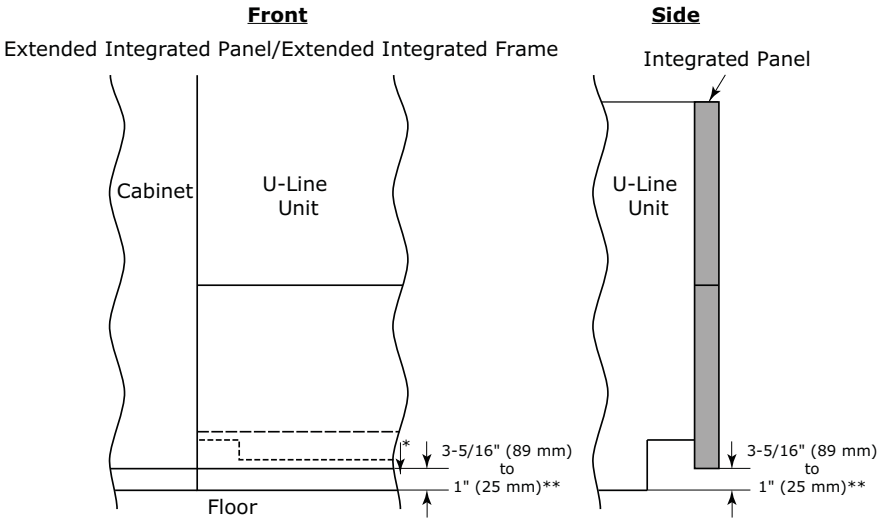
The door panel must not weigh more than 20 lbs (10 kg).

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.

Appliance will need up to 34-1/2" (876.3 mm) to the under side of the counter to leave room for leveling adjustments.

When applying an integrated panel to a unit, ensure that both sides are finished in order to prevent warping. In some installations, the panel may be visible through the glass while the door is open.



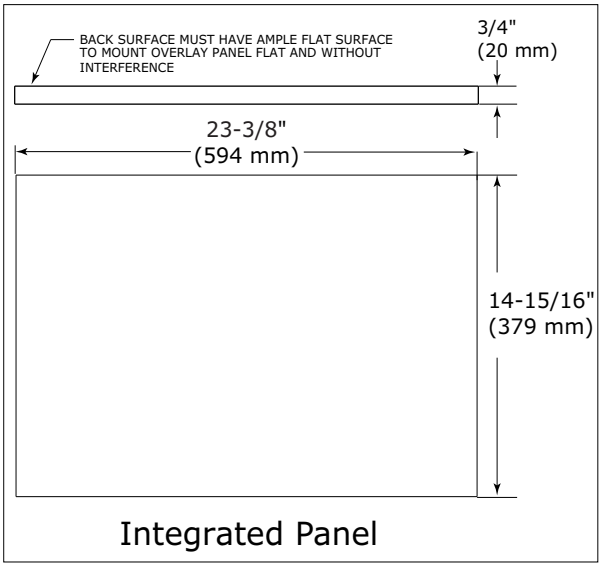


* Panel can extend beyond the door frame.

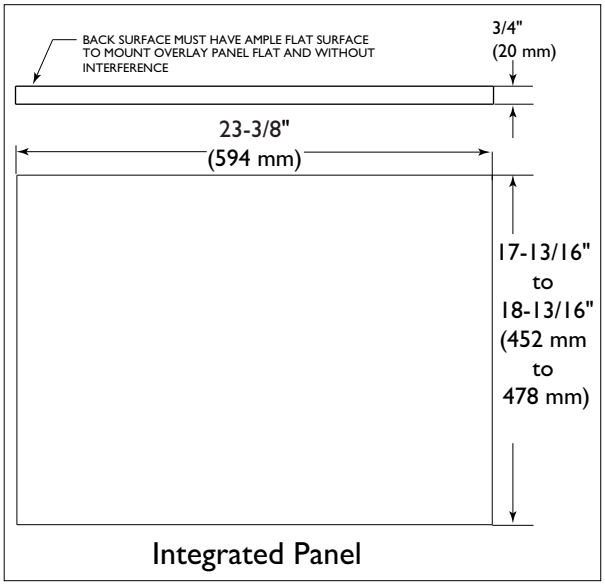
** A minimum of 1" (25 mm) from the floor is required for proper ventilation.

Extended Integrated Panel Dimensions

Top Drawer



Bottom Drawer



* A minimum of 1" (25 mm) is required from the floor to the bottom of the extended integrated panel/frame for proper ventilation.

Integrated Grille - Plinth Dimensions

PREPARE AND INSTALL INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA)

1. Use the dimensions provided in the diagram to cut and shape your integrated grille (plinth strip/base fascia) panel. Recommended panel thickness is between 1/4" (6 mm) and 3/8" (9 mm). Height will vary from 3-5/16" (84 mm) to 4-5/16" (110 mm) based on your grille (plinth strip/base fascia) height.

2. Finish or stain your grille (plinth strip/base fascia) panel to match your surrounding furniture. Finish front, back and edges to prevent warping. Carefully follow the manufacturer's recommendations for finish application and cure times.

3. Apply double sided tape to the backside of the integrated grill (plinth strip/base fascia). Use the diagram below for reference. U-Line recommends 3M™ VHB™ tape, a high strength bonding tape.

Apply Tape To Shaded Area

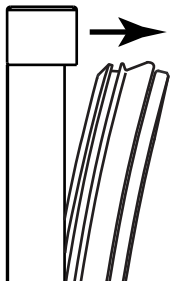
4. Remove backing paper from double sided tape.

5. Carefully align grille (plinth strip/base fascia) over integrated panel and press into position.

INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA) DIMENSIONS

Integrated Panel Installation

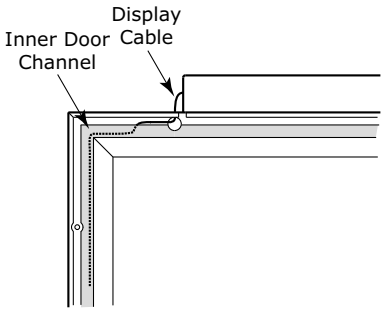
1. Fully open door/drawer.
2. Starting at corner, pull gasket away from door.
3. Continue to pull gasket free from gasket channel.



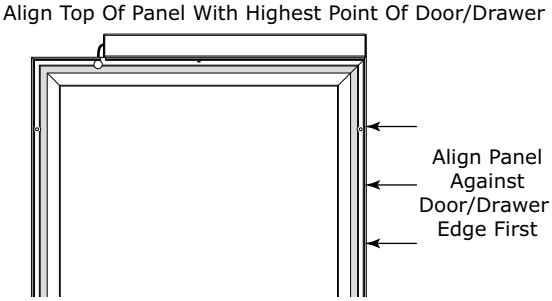
4. Upon removal, lay gasket down on a flat surface.

NOTICE

If the door/drawer houses the display, make certain the display cable remains securely seated in the inner door channel, see below.

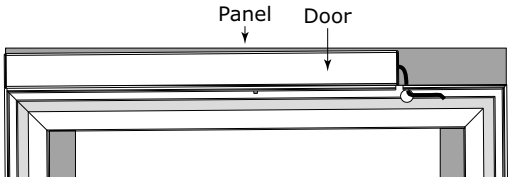


5. The panel should be aligned with the outside edge (opposite the hinge) and high enough to align with the highest point in the door/drawer.

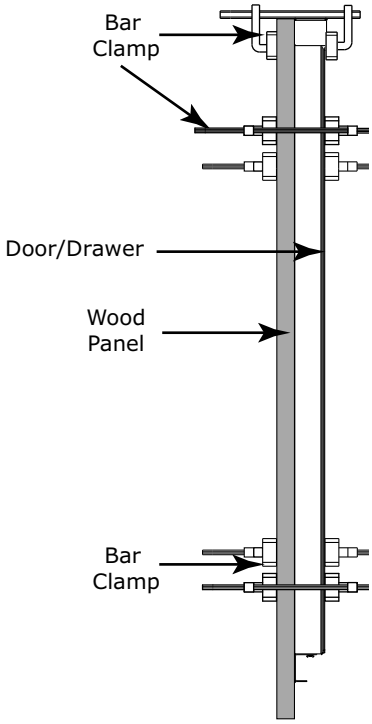


NOTICE

Due to differences in floor construction or surrounding cabinetry, the panel may not sit flush with the top of the door/drawer.



6. Secure integrated panel to door/ drawer using clamps. A robust tape may also be used. U-Line recommends the use of bar clamps to secure the panel to the door/drawer. If using tape, be certain the tape will not damage panel finish upon removal.



7. Using a 7/64" (3 mm) drill bit, drill 6 pilot holes into the wood panel 1/2" (12 mm) deep using the holes in the door frame as a guide.

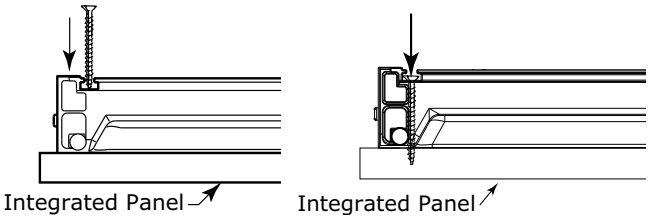
NOTICE

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardwood is installed.

8. Locate 6 of the #6x 1-1/2" (38 mm) screws provided with your unit.

9. Using a Phillips screwdriver, place one screw into each of the 6 pilot holes and screw down. Do not overtighten screws.

10. Be sure the screws force their way past the opening on the gasket channel and sit flush against the bottom of the channel.



11. Remove clamps from door.

NOTICE

If panel requires additional adjustment after removing clamps, slightly loosen each screw and adjust panel as necessary. Tighten screws upon completion.

Do not overtighten screws, bulges in plastic frame might be visible if tightened too much.

12. Starting at the corners, re-install the gasket into the gasket channel in the frame. Make sure the gasket is fully seated. This may take some force.

Grille - Plinth Installation

REMOVING AND INSTALLING GRILLE (PLINTH STRIP/BASE FASCIA)

⚠ WARNING

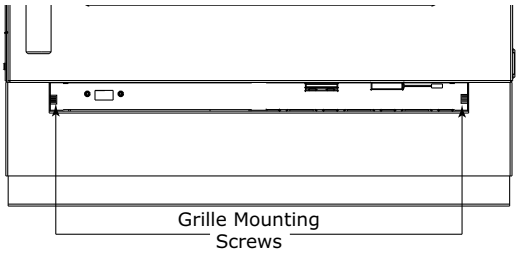
Disconnect electrical current to the unit before removing the grille (plinth strip/base fascia).

Edges of sheet metal may be sharp.

REMOVING THE GRILLE (PLINTH STRIP/BASE FASCIA).

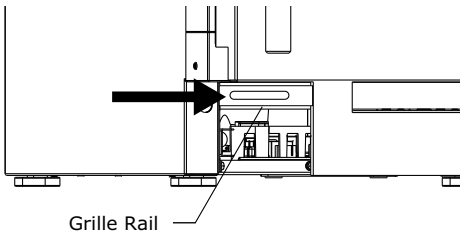
1. Disconnect electrical current to unit.

2. Using the included 7/64" Allen wrench, loosen, but do not remove both grille (plinth strip/base fascia) lock screws. See below.



3. Gently pull grille (plinth strip/base fascia) away from unit until it stops.

4. Push grille (plinth strip/base fascia) rails towards the center of the unit to lift rails off lock screws.



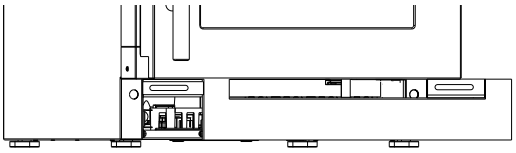
5. Pull grille (plinth strip/base fascia) free from unit.

INSTALLING THE GRILLE (PLINTH STRIP/BASE FASCIA).

1. Align slots in grille (plinth strip/base fascia) rail with screw heads in base of unit

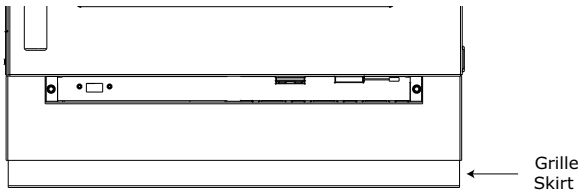
2. Push grille (plinth strip/base fascia) rails towards the center of the unit and set rails over screw head.

3. Slide grille (plinth strip/base fascia) into position. Using included 7/64" Allen wrench tighten grille (plinth strip/base fascia) lock screws.



ADJUSTING GRILLE (PLINTH STRIP/BASE FASCIA)

The grille (plinth strip/base fascia) has an automatic vertical plane adjustment and can also be adjusted on its horizontal plane as well. To adjust your grille (plinth strip/base fascia) to match your surrounding furniture follow the instructions below.



1. Loosen, but do not remove, the lock screws on the inside of the grille (plinth strip/base fascia) rails. Lock screws are located on the inside of each grille (plinth strip/base fascia) rail.

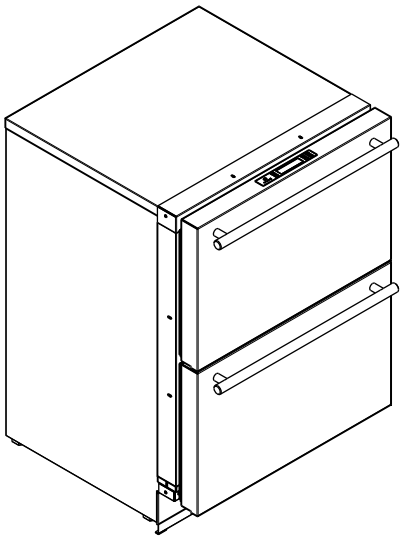
2. Pull grille (plinth strip/base fascia) out to desired position and secure lock screws.

3. The grille (plinth strip/base fascia) skirt may be manually adjusted to the height of your floor. Simply raise or lower the skirt as needed.

Drawers

CHECKING DRAWER ALIGNMENT

The unit's drawers are aligned at the factory before shipment. However, their alignment could have been disturbed during shipment or during overlay panel installation. Check each drawer to confirm that it is aligned:



- **Side-to-Side** — When viewed from the top, the drawer front should be square with the sides of the cabinet.
- **Front-to-Back** — When viewed from the side, the drawer front should be straight with the cabinet's sides, not cocked forward or back.
- **Top-to-Bottom** — When viewed from the front, the drawer should be level horizontally.

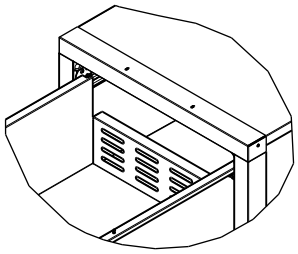
ADJUSTING DRAWER ALIGNMENT

⚠ WARNING

SHOCK HAZARD — The unit must be unplugged from the wall outlet during drawer removal, adjustment and re-installation.

DRAWER REMOVAL

1. Confirm that the unit is unplugged from wall outlet.
2. Unplug the drawer's connection wiring (top drawer only).
3. Remove the mounting screws.



4. Pull the drawer completely out of the unit.

⚠ CAUTION

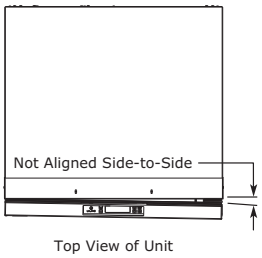
Use care when handling the drawer. Drawer edges, drawer rail and the unit's slide may be sharp.

NOTICE

Drawer adjustments are made by moving the slide that carries the drawer's rail. Minor adjustments may be made by loosening one of the slide's mounting screws, adjusting the slide and retightening the screw. Severe adjustments may be made by removing the slides' mounting screws, drilling new mounting holes and remounting the slide.

SIDE-TO-SIDE ADJUSTMENT

The drawer will need a Side-to-Side Adjustment if, when viewed from the top, the drawer front is not square with the sides of the cabinet. This is caused by one of the slides being mounted too far forward on the unit's liner.

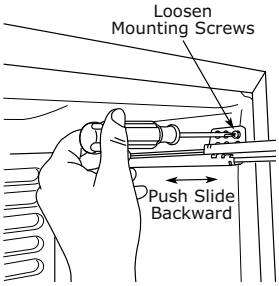


Top View of Unit

Minor Adjustment:

Note: The mounting holes on the slide are slightly larger than the screws' diameter.

1. Loosen the slide's mounting screws.
2. Push the slide backward.
3. Retighten the screws.



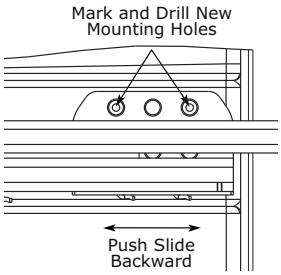
Severe Adjustment:

Note: The slides have extra mounting holes that may be used.

1. Remove the slide's mounting screws.
2. Reposition the slide so it is the same distance from the front of the liner as the other slide. Measure to confirm.
3. Mark new drilling holes using different sets of mounting holes on the slide.

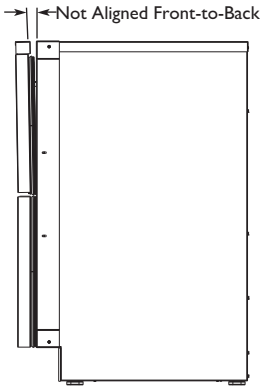
Note: Front location holes are shown. Corresponding rear holes will also need to be marked.

4. Drill all the new holes with a #30 drill bit.
5. Remount the slide.



FRONT-TO-BACK ADJUSTMENT

The drawer will need a Front-to-Back Adjustment if, when viewed from the side, the drawer front is cocked forward or back. This is caused by the front slide mountings not being level with the rear slide mountings.

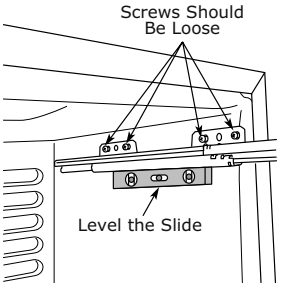


Side View of Unit

Minor Adjustment:

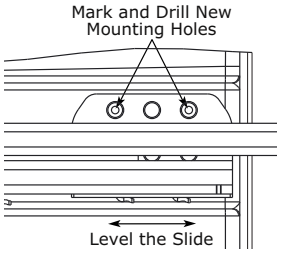
Note: The mounting holes on the slide are slightly larger than the screws' diameter.

1. Loosen one slide's mounting screws.
2. Level the slide.
3. Retighten the screws.
4. Repeat procedure for the other slide.



Severe Adjustment:

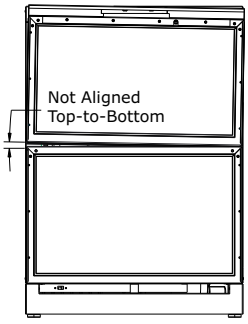
Note: The slides have extra mounting holes that may be used.



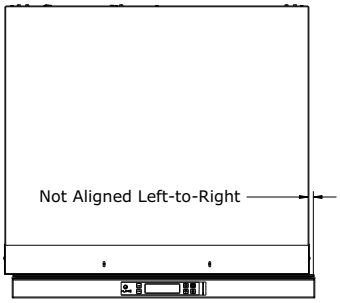
1. Loosen one slide's rear mounting screws.
2. Remove the slide's front mounting screws.
3. Reposition the slide so it is level.
4. Mark new front drilling holes using a different set of mounting holes on the slide.
5. Drill the new holes with a #30 drill bit.
6. Remount the slide.
7. Repeat procedure for the other slide.

TOP-TO-BOTTOM (AND LEFT-TO-RIGHT) ADJUSTMENT

The drawer will need a Top-to-Bottom Adjustment if, when viewed from the front, the drawer is not level horizontally. Viewed from the top, one side will protrude. This is caused by one of the slides being mounted higher than the other slide on the unit's liner.



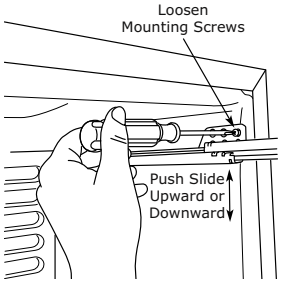
Front View of Unit



Top View of Unit

Minor Adjustment:

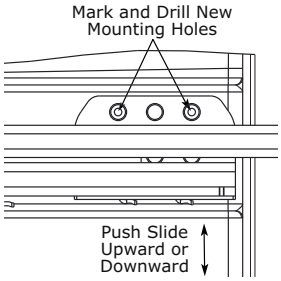
Note: The mounting holes on the slide are slightly larger than the screws' diameter.



1. Loosen one slide's mounting screws.
2. Push the slide upward or downward to match the position of the other slide.
3. Retighten the screws.
4. Repeat the procedure with the other slide if necessary.

Severe Adjustment:

Note: The slides have extra mounting holes that may be used.



1. Remove one slide's mounting screws.
2. Reposition the slide so it is the same distance from the bottom of the liner as the other slide. Measure to confirm.
3. Mark new drilling holes using different sets of mounting holes on the slide.

Note: Front location holes are shown. Corresponding rear holes will also need to be marked.

4. Drill all the new holes with a #30 drill bit.
5. Remount the slide.

RE-INSTALLATION OF DRAWER

⚠ CAUTION

Use care when handling the drawer. Drawer edges, drawer rail and the unit's slide may be sharp.

1. Set the drawer's rails onto the slides.

2. Re-install the rails' mounting screws.

3. Plug in the drawer's connection wiring (top drawer only).

First Use

All U-Line controls are preset at the factory. Initial startup requires no adjustments.

NOTICE

U-Line recommends allowing the unit to run overnight before loading with product.

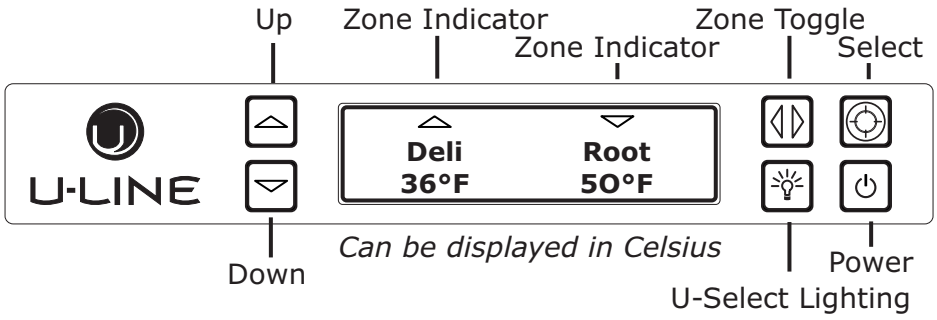
When plugged in, the unit will begin operating under the factory default setting. Follow the on screen prompt for language selection and temperature units.

To turn the unit off, press ⏻ and hold for 5 seconds and release. The display will show a countdown to switching the unit off.

To power your unit on, simply press ⏻ and the unit will immediately switch on.

Control Operation

Your unit is equipped with two zones. Each zone can be set to a different mode.



CONTROL FUNCTION GUIDE

FUNCTION	**COMMAND**	**DISPLAY/OPTIONS**
OFF	Press ⏻ and hold	Display will count down from 5 to off.
ON	Press ⏻ and release	Unit will come on immediately.
Adjust mode	Press ◀▶ to select zone. Press ◎ and release to scroll through the modes.	Modes available in table below. Press ▲ or ▼ to confirm mode or wait 5 seconds.
Adjust temperature	Press ◀▶ to select zone. Press ◎ to select mode. Press ▲ or ▼ to set temperature.	Press ◎ to confirm temperature or wait 5 seconds.
Adjust lighting	Press 💡 to adjust lighting	Press ◀▶ to select zone. Press ▲ or ▼ to set low, medium or high.
Light ON/OFF with door	Press 💡 to have light ON/OFF with door	Press 💡 and release to scroll through timer settings. Both zones will default to the same timer setting.
Customer menu	Press ◎ and hold or 5 seconds	Press ▲ or ▼ to scroll through menu.

Mode	**Set Point °F (°C)**	**Temperature Range °F (°C)**
Beverage/Drinks	38 (3)	34 - 65 (1 - 18)
Market/Fresh	38 (3)	34 - 40 (1 - 4)
Root	50 (10)	45 - 55 (7 - 12)
Pantry	42 (5)	34 - 70 (1 - 21)
Deli	36 (2)	34 - 40 (1 - 4)

U-SELECT® CONTROL

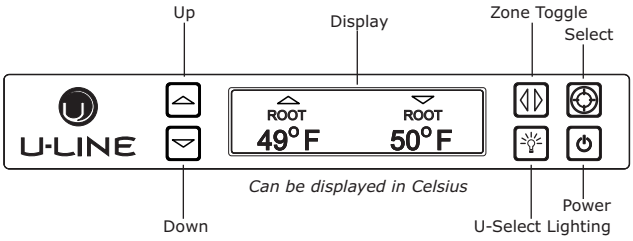
Digital Display

The 3000 Series units are controlled by a feature rich, advanced OLED display control unit. The control panel allows adjustment to temperature set point, access to Energy Saver Mode, internal temperature readings, and many other features.

Zone Control

Your model has a single control module for both zones. Each side of the control refers to a specific zone.

Adjusting Temperature Settings



Each zone has a series of Mode Settings with a default value for each setting. Each Mode Setting can be further customized by fine tuning the temperature set point. See the chart below for a description of each mode and mode temperature ranges. Mode selection will vary by model.

Mode Settings Chart

Setting	Default °F (°C)	Range °F (°C)
Beverage/Drinks	38 (3)	34 - 65 (1 - 18)
Market/Fresh	38 (3)	34 - 40 (1 - 4)
Root	50 (10)	45 - 55 (7 - 12)
Pantry	42 (5)	34 - 70 (1 - 21)
Deli	36 (2)	34 - 40 (1 - 4)

Many food types have an optimum storage temperature. Storing your food properly will help maintain its freshness and flavor. The Food Storage Chart contains food types and their respective optimum storage temperatures.

Food Storage Chart

Mode	Food Types
Deli	Meats, Fish, Cheeses, Dairy, Butter, Garlic, Oils, Nuts, Condiments
Market/Fresh	Fruits, Vegetables, Berries, Lettuce
Pantry	Dry Goods, Breads, Baking Items, Spices, Seasonings
Root	Root Vegetables, Potatoes, Onions, Lemon, Lime, Melon, Peppers, Beans, Cucumber, Cut Vegetables

Each zone may have its own mode and set point. Available Mode Settings will vary with model.

1. In order to adjust temperatures, you must first select a zone to adjust. To select, press . The left side Mode Setting will flash. Pressing again will select the right side and the right side Mode Setting will flash. For 3018 Models simply press to alter Mode Settings.

2. Pressing will cycle through the available modes for your model. Reference the Mode Settings Chart for each Setting's default set point and range.

3. Once your have selected your desired mode the default set temperature will display. You may further fine tune the temperature by pressing or .

Quick Chill

⚠ CAUTION

A number of zones include a quick chill feature. Quick chill is designed to quickly pull warm beverages and foods down to optimum storage temperature. It is important to only initiate quick chill modes when the unit has been fully loaded with warm product. Failure to follow this notice could result in food or beverages that are cooled to a point below optimum or frozen.

The following table lists modes which include the quick chill feature and the time which quick chill will run.

Mode	Run Time
Beverage/Drinks	4 Hours
Market/Fresh	4 Hours
Root	1 Hour
Pantry	4 Hours
Deli	5 Hours

To initiate quick chill:

1. Press to select the desired zone, left or right.

2. Press to select the desired mode setting.

3. Press until the temperature set point reads “Quick”.

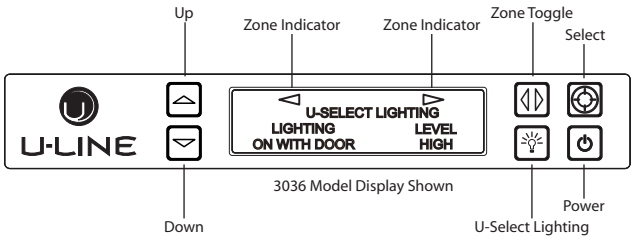
The quick chill feature will then begin for the period of time dictated by the mode type. To cancel quick chill, simply select a set point other then “quick”.

NOTE: There may be a delay before quick chill is activated. If the opposite zone is currently in a cooling cycle while quick chill is selected, the cooling cycle on the opposite zone will first be completed.

NOTE: Please note, that when quick chill is activated in a 3036, the zone opposite the active quick chill zone will not return to a cooling cycle until quick chill is complete. If storing product in the opposite zone it is important to limit the number of times the door is opened in the zone not currently under quick chill.

INTERIOR LIGHTING

Your U-Line 3000 Series unit uses a state of the art LED lighting system. The 3036 model dual zone’s lighting can be independently controlled or set as a group.



1. To begin, press to enter the lighting menu.

2. The unit initially defaults to control the lighting in both zones simultaneously. To select a single zone press . Notice the arrows on top of the display changing state. Pressing once will select the left side zone, pressing it again will select the right side zone, pressing it a third time will select both zones.

3. Press or to cycle through each available brightness setting (Low, Medium or High).

4. Press to cycle through each available timer setting. Selections include “On With Door”, “On 3 Hours”, “On 6 Hours”, or “On 24 Hours”.

5. To exit, press or simply wait for the menu to time out.

ERROR NOTIFICATION

The 3000 model series continuously monitors a series of inputs and parameters to ensure proper and efficient operation of your unit. Should the system detect a fault, an error notification will be displayed on the user interface. See below for a list of errors.

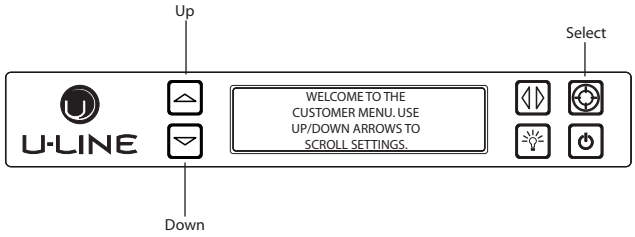
NOTE: Singe zone models will not use (L) left or (R) right zone indicators in error notification.

ID	Description	Solution
No Comm	Unit lost communication to the display.	Disconnect and reconnect power to unit. Contact Customer Care if persistent.
(L) (R) Zone T Open	Left or right zone thermistor circuit open.	Contact Customer Care.
Amb Thrm Open	Ambient thermistor circuit open.	Contact Customer Care.
(L) (R) Zone T Short	Left or right zone thermistor circuit shorted.	Contact Customer Care.
Amb Thrm Short	Ambient thermistor circuit shorted.	Contact Customer Care.
(L) (R) Temp Hi 6H+	Left or right zone temperature +10° over set point for over 6 hours.	Verify door is closed and sealing. Contact Customer Care if persistent.
(L) (R) Temp Hi 12H+	Left or right zone temperature +10° over set point for over 12 hours.	Verify door is closed and sealing. Contact Customer Care if persistent.
(L) (R) Temp Lo 6H+	Left or right zone temperature -10° under set point for over 6 hours.	Verify door is closed and sealing. Contact Customer Care if persistent.
(L) (R) Temp Lo 12H+	Left or right zone temperature -10° under set point for over 12 hours.	Verify door is closed and sealing. Contact Customer Care if persistent.
(L) (R) Door Open 5M	Left or right door switch open for more then 5 minutes.	Verify door is closed and sealing. Contact Customer Care if persistent.

CUSTOMER MENU

The 3000 Series of U-Line undercounter refrigeration appliances contain a feature rich customer menu. The Customer Menu allows access to a series of advanced features including Energy Saver Mode, Sabbath Mode, actual temperature readings as well a method to restore factory defaults.

3000 SERIES - CUSTOMER MENU



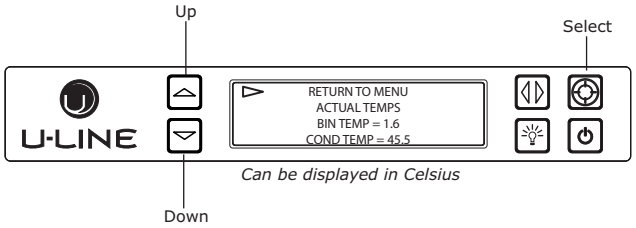
6. To access the Customer Menu hold ◎ for 5 seconds.

7. Press ⌃ or ⌄ to scroll through available selections.

8. Press ◎ to enter selected sub-menu.

9. To exit Customer Menu, press ⌄ to scroll to the bottom of the display and press ◎ to select “Exit”.

Actual Temps



Can be displayed in Celsius

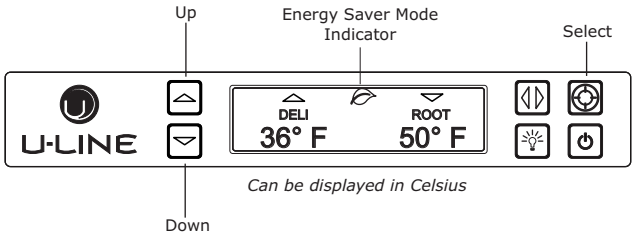
The Actual Temps option displays the actual temperature of each zone, evaporator, as well as ambient temperature.

1. To view actual temperature, press ◎ and select “Actual Temps” from the Customer Menu.

2. Press ⌃ or ⌄ to scroll through available information.

3. To return to the Customer Menu, press ◎ and select “Return to Menu”.

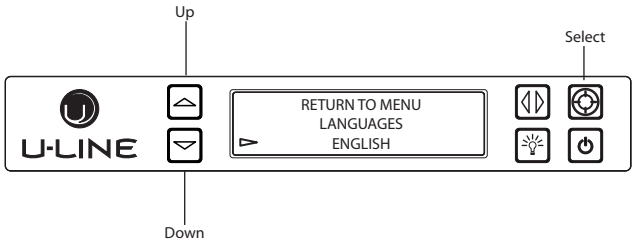
Energy Saver Mode



Energy Saver mode reduces overall energy consumption by altering user set point, differential, lighting and tone settings. When in Energy Saver mode a small leaf icon will be displayed on the main screen.

1. To enter Energy Saver Mode, first select Energy Saver from the Customer Menu.
2. Press ▽ to select "Off" in the menu.
3. Press ◎.
4. Press △ or ▽ to change the selection from Off to On.
5. Press ◎ to confirm your selection.
6. To return to the Customer Menu, press ◎ and select "Return to Menu".
7. To cancel Energy Saver Mode simply return to the Customer Menu, select Energy Saver and change "On" to "Off".

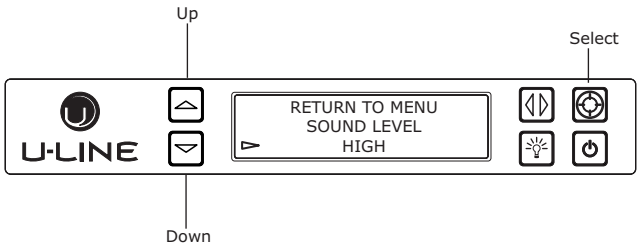
Languages



The U-Line 3000 Series of models supports a number of display languages including English, Spanish, French and German.

1. To change display language select Languages from the Customer Menu.
2. Press ▽ to select "English".
3. Press ◎. "English" will begin to flash.
4. Press △ or ▽ to cycle through the available languages.
5. Press ◎ to confirm your choice.

Sound Level



Audible alarms and alert tones support four different Sound Level settings, High, Medium, Low, and Off.

To select a new sound level, enter the Sound Level Menu from the Customer Menu.

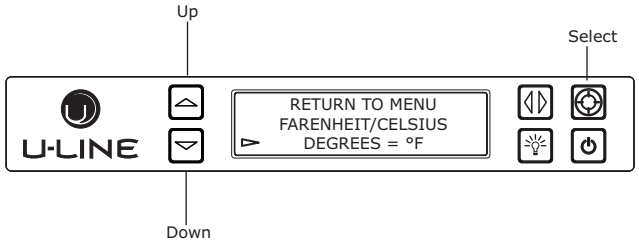
1. Press ▽ to select the current sound level.

2. Press . The current setting will begin to flash.

3. Press or to select a different level.

4. Press to confirm your choice.

Fahrenheit/Celsius



Temperature and set point information can be displayed in either Fahrenheit or Celsius.

To change from Fahrenheit to Celsius enter the Fahrenheit / Celsius menu from within the Customer Menu.

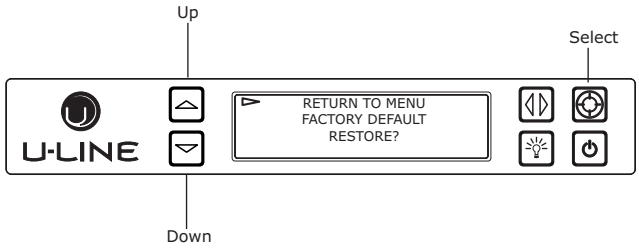
1. Press to select “Degrees”.

2. Press . The selection will begin to flash.

3. Press or to select between °F (Fahrenheit) or °C (Celsius).

4. Press to confirm your choice.

Factory Default



Factory Default will restore all settings to their factory default.

To access Factory Default:

1. Press to select “Factory Default”.

2. Press .

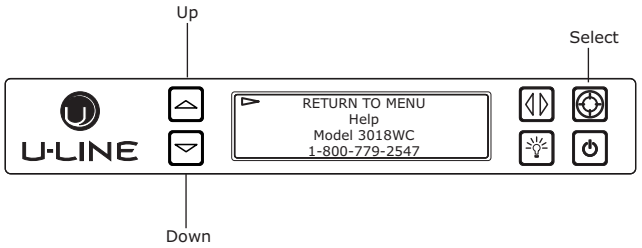
To restore settings to their factory default:

3. Press to select “Restore?” and press .

4. “Restore?” will change to “Restoring...” while settings are restored. When restoration is complete, “Restoring...” will return to “Restore?”.

To exit Factory Default, press to select “Return to Menu” and press to confirm.

Help

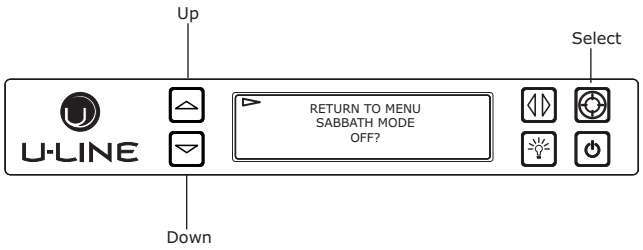


To access the Help Menu, select “Help” from the Customer Menu. Press or to scroll through available information. The Help screen displays the following:

- Model.
- U-Line contact information.
- Software version.
- Serial Number.

To exit the Help Menu, press to select “Return to Menu” and press to confirm.

Sabbath Mode



This unit offers a Sabbath mode for users who require this functionality during Sabbaths. Sabbath mode disables system responses to user initiated activities and all external functions; including lighting, display and audible alarms. The unit will still maintain internal temperatures and set points.

To enable Sabbath Mode:

1. Open the unit's door to activate the display.
2. To access the Customer Menu hold for 5 seconds.
3. Press or to scroll through available selections.
4. Select Sabbath Mode from the Customer Menu by pressing .
5. Press to select "Off".
6. Press , "Off" will begin to flash.
7. Press or to change "Off" to "On".
8. Press to confirm your selection.

The Display will fade out as the unit enters Sabbath Mode. Sabbath

Mode remains active until is quickly pressed and released.

Cleaning

EXTERIOR CLEANING

Stainless Models

Stainless door panels and handles can discolor when exposed to chlorine gas, pool chemicals, saltwater or cleaners with bleach.

Keep your stainless unit looking new by cleaning with a good quality all-in-one stainless steel cleaner and polish monthly. For best results use Claire® Stainless Steel Polish and Cleaner, which can be purchased from U-Line Corporation (Part Number 173348). Comparable products are acceptable. Frequent cleaning will remove surface contamination that could lead to rust. Some installations may require cleaning weekly.

Do not clean with steel wool pads.

Do not use stainless steel cleaners or polishes on any glass surfaces.

Clean any glass surfaces with a non-chlorine glass cleaner.

Do not use cleaners not specifically intended for stainless steel on stainless steel surfaces (this includes glass, tile and counter cleaners).

If any surface discoloring or rusting appears, clean it quickly with Bon-Ami® or Barkeepers Friend Cleanser® and a nonabrasive cloth. Always clean with the grain. Always finish with Claire Stainless Steel Polish and Cleaner or comparable product to prevent further problems.

Using abrasive pads such as Scotchbrite™ will cause the graining in the stainless steel to become blurred.

Rust not cleaned up promptly can penetrate the surface of the stainless steel and complete removal of the rust may not be possible.

Integrated Models

To clean integrated panels, use household cleaner per the cabinet manufacturer's recommendation.

INTERIOR CLEANING

Disconnect power to the unit.

Clean the interior and all removed components using a mild nonabrasive detergent and warm water solution applied with a soft sponge or non-abrasive cloth.

Rinse the interior using a soft sponge and clean water.

Do not use any solvent-based or abrasive cleaners. These types of cleaners may transfer taste to the interior products and damage or discolor the lining.

DEFROSTING

Minor frost on the rear wall or visible through the evaporator plate vents is normal and will melt during each off cycle. If there is excessive build-up of 1/4" (6 mm) or more, manually defrost the unit.

Ensure the door is closing and sealing properly.

High ambient temperature and excessive humidity can also produce frost.

⚠ CAUTION

DO NOT use an ice pick or other sharp instrument to help speed up defrosting. These instruments can puncture the inner lining or damage the cooling unit. DO NOT use any type of heater to defrost. Using a heater to speed up defrosting can cause personal injury and damage to the inner lining.

NOTICE

The drain pan was not designed to capture the water created when manually defrosting. To prevent water from overflowing the drain pan and possibly damaging water sensitive flooring, the unit must be removed from cabinetry.

To defrost:

1. Disconnect power to the unit.
2. Remove all products from the interior.
3. Prop the door in an open position (2 in. [50 mm] minimum).
4. Allow the frost to melt naturally.
5. After the frost melts completely clean the interior and all removed components. (See INTERIOR CLEANING).
6. When the interior is dry, reconnect power and turn unit on.

Cleaning Condenser

INTERVAL - EVERY SIX MONTHS

To maintain operational efficiency, keep the front grille (plinth strip/base fascia) free of dust and lint, and clean the condenser when necessary. Depending on environmental conditions, more or less frequent cleaning may be necessary.

⚠ WARNING

Disconnect electric current to the unit before cleaning the condenser.

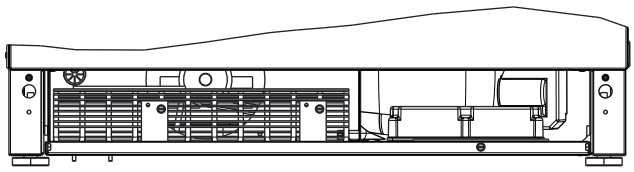
NOTICE

DO NOT use any type of cleaner on the condenser unit. Condenser may be cleaned using a vacuum, soft brush or compressed air.

1. Remove the grille (plinth strip/base fascia). (See GRILLE-PLINTH INSTALLATION).

2. Clean the condenser coil using a soft brush or vacuum cleaner.

3. Install the grille (plinth strip/base fascia).



Extended Non-Use

VACATION/HOLIDAY, PROLONGED SHUTDOWN

The following steps are recommended for periods of extended non-use:

1. Remove all consumable content from the unit.

2. Disconnect the power cord from its outlet/socket and leave it disconnected until the unit is returned to service.

3. If ice is on the evaporator, allow ice to thaw naturally.

4. Clean and dry the interior of the unit. Ensure all water has been removed from the unit.

5. The door must remain open to prevent formation of mold and mildew. Open door a minimum of 2" (50 mm) to provide the necessary ventilation.

WINTERIZATION

If the unit will be exposed to temperatures of 40°F (5°C) or less the steps above must be followed.

For questions regarding winterization please call U-Line at 1.800.779.2547.

⚠ CAUTION

Damage caused by freezing temperatures is not covered by the warranty.

Accessories

80-33027-01

Accessories - Slide and Divide Bin Organizer, 24"
US$109.00

Troubleshooting

BEFORE CALLING FOR SERVICE

If you think your U-Line product is malfunctioning, read the OPERATING INSTRUCTIONS section of this guide to clearly understand the function of the control.

If the problem persists, read the NORMAL OPERATING SOUNDS and TROUBLESHOOTING GUIDE sections below to help you quickly identify common problems, and possible causes and remedies. Most often, this will resolve the problem without the need to call for service.

IF SERVICE IS REQUIRED

If you do not understand a troubleshooting remedy, or your product needs service, contact U-Line Corporation directly. Contact information appears on the rear cover of this guide.

When you call, you will need your product Model and Serial Numbers. This information appears on the Model and Serial number plate located on the upper right or rear wall of the interior of your product.

NORMAL OPERATING SOUNDS

All models incorporate rigid foam insulated cabinets to provide high thermal efficiency and maximum sound reduction for its internal working components. Despite this technology, your model may make sounds that are unfamiliar.

Normal operating sounds may be more noticeable because of the unit's environment. Hard surfaces such as cabinets, wood, vinyl or tiled floors and paneled walls have a tendency to reflect normal appliance operating noises.

Listed below are common refrigeration components with brief description of the normal operating sounds they make. NOTE: Your product may not contain all the components listed.

- Compressor: The compressor makes a hum or pulsing sound that may be heard when it operates.
- Evaporator: Refrigerant flowing through an evaporator may sound like boiling liquid.
- Condenser Fan: Air moving through a condenser may be heard.
- Automatic Defrost Drain Pan: Water may be heard dripping or running into the drain pan when the unit is in the defrost cycle.

TROUBLESHOOTING GUIDE

⚠ DANGER

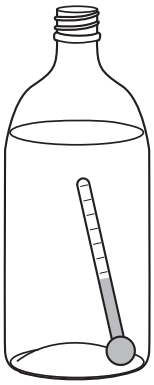
ELECTROCUTION HAZARD. Never attempt to repair or perform maintenance on the unit until disconnecting the main electrical power.

Troubleshooting - What to check when problems occur:

Problem	Possible Cause and Remedy
Interior Light Does Not Illuminate.	The light bulb may be defective. (See MAINTENANCE)
Light Remains on When Door is Closed.	Turn off light switch if equipped. (See OPERATING INSTRUCTIONS) Adjust light actuator bracket on bottom of door.
Unit Develops Frost on Internal Surfaces.	Frost on the rear wall is normal and will melt during each off cycle. If there is excessive build-up of 1/4" or more, manually defrost the unit. Ensure the door is closing and sealing properly. High ambient temperature and excessive humidity can also produce frost.
Unit Develops Condensation on External surfaces	The unit is exposed to excessive humidity, moisture will dissipate as humidity levels decrease.
Product is Freezing.	Product in contact with the rear wall may freeze, ensure no product is touching the rear wall. Adjust the temperature to a warmer set-point. (See OPERATING INSTRUCTIONS)

Problem	Possible Cause and Remedy
Product is Not Cold Enough.	Air temperature does not indicate product temperature. See OPERATING INSTRUCTIONS - Checking Product Temperature. Adjust the temperate to a cooler set-point. (See OPERATING INSTRUCTIONS) Ensure unit is not located in excessive ambient temperatures or in direct sunlight. Ensure the door is closing and sealing properly. Ensure the interior light has not remained on too long. Ensure nothing is blocking the front grille, found at the bottom of the unit. Ensure the condenser coil is clean and free of any dirt or lint build-up.

CHECKING PRODUCT TEMPERATURE



To check the actual product temperature in the unit.

1. Partially fill a plastic (nonbreakable) bottle with water.
2. Insert an accurate thermometer.
3. Tighten the bottle cap securely.
4. Place the bottle in the desired area for 24 hours.
5. Avoid opening the unit during the testing period.
6. After 24 hours, check the temperature of the water. If required, adjust the temperature control in a small increment (See CONTROL OPERATION).

Causes which affect the internal temperatures of the cabinet include:

- Temperature setting.
- Ambient temperature where installed.
- Installation in direct sunlight or near a heat source.
- The number of door openings and the time the door is open.
- The time the internal light is illuminated. (This mainly affects product on the top rack or shelf.)
- The front grille or condenser are obstructed.

Warranty

U-LINE CORPORATION LIMITED WARRANTY

1. U-Line Corporation ("U-Line") warrants each U-Line product to be free from defects in materials and workmanship for a period of one year (two years on Modular 3000 Series) from the date of purchase. U-Line further warrants the sealed system (consisting of the compressor, condenser, evaporator, hot gas bypass valve, dryer, and connecting tube) in each U-Line product to be free from defects in materials and workmanship for a period of five years from the date of purchase.

2. During the initial one year warranty period (two years on Modular 3000 Series) for all U-Line products U-Line shall: (1) repair any product or replace any part of a product; and (2) for all Marine, RV and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall be responsible for the labor costs performed by a U-Line authorized service company, incurred in connection with the replacement of any defective part. During years two through five of the warranty period for the sealed system, U-Line shall: (1) at U-Line's option repair or replace any part of the sealed system; and (2) for all Marine, RV and Domestic U-Line products sold and serviced in the United States (including Alaska and Hawaii) and Canada, U-Line shall be responsible for the labor costs incurred in connection with the replacement of any defective part of the sealed system. All other charges, including transportation charges for replacements under this warranty and labor costs not specifically covered by this warranty, shall be the responsibility of the purchaser. This warranty extends only to the original purchaser of the U-Line product. The Product Registration Card included with the product should be promptly completed by you and mailed back to U-Line or you can register on-line at www.u-lineservice.com.

3. The warranty listed above does not apply to floor display models. The warranty for these models shall be 30 days from the date of retail purchase and only if U-Line's Product Registration Card included with the unit is completed and mailed back or electronically submitted to U-Line. This 30 day warranty does not apply to cosmetic damages. A proof of purchase may be required.

4. The following conditions are excluded from this limited warranty: use of cleaners other than the recommended stainless steel cleaners and U-Line Clear Ice Maker cleaner; installation charges; damages caused by disasters or acts of God, such as fire, floods, wind and lightning; damages incurred or resulting from shipping, improper installation, unauthorized modification, or misuse/abuse of the product; customer education calls; food loss and spoilage; door and water level adjustments (except during the first 30 days from the date of installation); defrosting the product; adjusting the controls; door reversal; and cleaning the condenser.

5. U-Line product are designed to operate in ambient temperatures between 50°F and 100°F unless otherwise noted in the product manual. Exposure to temperatures outside this range may cause degradation of performance and issue such as lower ice production or spoiled contents are not covered under the terms of this warranty as a result of that exposure. U-Line product may not be subjected to temperatures below 40F without following the winterization and vacation shutdown procedures in the user guide.

6. U-Line's Outdoor Limited Warranty, set forth in this Paragraph 6 shall apply to U-Line models deemed suitable for outdoor use by Underwriters Laboratory ("UL") as noted in the U-Line Product Catalog, U-Line's website and/or on the serial tag located inside the product.

   A. Outdoor product may come into contact with rain by virtue of outdoor use. Exposure to other sources of water shall also cause this warranty to be void, including flooding of the area in proximity of the unit greater than 1/8" deep in water, hurricanes, splashing of pool water, or directing a spray from a hose or similar device into and around the unit.

7. If a product defect is discovered during the applicable warranty period, you must promptly notify either U-Line at 8900 N. 55th Street, Milwaukee, Wisconsin 53223 USA or at +1.800.779.2547 or the dealer from whom you purchased the product. In no event shall such notification be received later than 30 days after the expiration of the applicable warranty period. U-Line may require that defective parts be returned, at your expense, to U-Line's factory in Milwaukee, Wisconsin, for inspection. Any action by you for breach of warranty must be commenced within one year after the applicable warranty period.

8. THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE DISCLAIMED. U-Line's sole liability and your exclusive remedy under this warranty is set forth in the paragraphs above. U-Line shall have no liability whatsoever for any incidental, consequential or special damages arising from the sale, use or installation of the product or from any other cause whatsoever, whether based on warranty (express or implied) or otherwise based on contract, tort or any other theory of liability.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Warranty 6/2014 Rev.G